

CHECK SHEET
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 1997

This Check Sheet contains a listing of SUPPLEMENTAL SPECIFICATIONS and frequently used RECURRING SPECIAL PROVISIONS.

SUPPLEMENTAL SPECIFICATIONS

Std. Spec.
Sec.

PAGE NO.

RECURRING SPECIAL PROVISIONS

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

CHECK SHEET #

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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Connections for both video and power shall be made to the image sensor using a single 18 pin circular metal shell connector (Bendix PT07C-14-18P or equivalent). The mating cable shall use a right angle shell and shall be available in various lengths to accommodate the installation.

The image sensor shall be connected to the ACU such that the video signal originating from the image sensor is not attenuated more than 3 dB when measured at the ACU. When the connection between the image sensor and the ACU is coaxial cable, the coaxial cable used shall be a low loss 75 ohm precision video cable suitable for outdoor installation, such as Belden 8281, West Penn P806 or approved equal.

Basis of Payment: This work will be paid for at the contract unit price each for TEMPORARY TRAFFIC SIGNAL INSTALLATION, which price shall be payment in full for furnishing and installing the equipment specified herein.

PLANTING PROCEDURE:

Prepared backfill shall be used in all areas where the soil is lacking at least 50% black dirt. These locations will be determined by the Resident Engineer after the holes are dug. Those holes excavated and found with suitable black dirt or topsoil will be amended according to Article 253.10.

The fertilizer for the backfill mix shall be controlled slow release fertilizer tablets. Fertilizer tablets will be used on both the wetland and mainline planting areas. The tablets shall be 16 gram briquettes containing 2.1% water soluble urea nitrogen and 11.9% water insoluble nitrogen as expressed in the following formulation:

14 percent nitrogen, 3 percent available phosphoric acid, and 3 percent water soluble potash (14-3-3 analysis).

When placing the prepared backfill, the fertilizer nutrient tablet shall be uniformly spread in the planting hole around the rootball and within the top 1/3 of the backfill mix. The rate of application and placement shall be governed by the manufacturer's recommendations for all plants (trees, intermediates, and shrubs) or the following table, if none is given, for all plants:

- A. bottom of hole: 3 in bottom of hole
- B. 2 tablets per 305 millimeters (1 foot) of height to a maximum of 30 tablets

The fertilizer tablets and all backfill material shall not be paid for separately, but shall be considered included in the cost of the contract and will not be measured for payment.

PLANT MULCHING:

The material used for the mulch shall be either shredded bark or wood chips meeting the approval of the District Landscape Architect. All trees and shrubs shall be mulched to a depth of 102 millimeters (4 inches). The mulched area of each tree will cover the entire saucer and water ring. All shrub beds will be completely mulched and extend 914 millimeters (3 feet) beyond the center of the outside row. All other requirements noted in Article 253.11 (Mulch Cover) will be included.

PLANT MATERIAL SPECIFICS:

1. Wetland Planting Special

- A. All wetland trees will be 18.927 liter (5 gallon) container grown with a minimum of 19 millimeters (0.75 inch) caliper. Balled and burlapped (B & B) plants may be substituted.
- B. Tree Wrap: Each wetland tree will be wrapped with a vinyl tree guard having a minimal diameter of 38 millimeters (1.5 inches) and minimal length of 610 millimeters (24 inches).
- C. Tree Spraying: Each wetland tree will be individually sprayed with the chemical "TREE GUARD" (manufactured by Nortech Forest Technologies, Inc.) or equal approved by IDOT. This product will be sprayed according to manufacturer's recommendation and applied two (2) times during first growing season only according to following schedule:
 - 1. Spring (when trees are fully in leaf)
 - 2. Fall (after defoliation)
- D. Payment of items (B) Tree Wrap and (C) Tree Spraying will be considered incidental and incorporated into the price of each tree and will include all material and labor to furnish and install these products as directed.
- E. Final inspection of wetland plants: All wetland plants will be final inspected according to Article 253.14 (Period of Establishment). As part of final inspection, the Contractor will also be required to mow entire wetland area between plants prior to plant inspection. This mowing will not be paid for separately, but shall be included in the cost of the contract.

EXTENDED MAINTENANCE ITEMS:

The purpose of the following items is to extend the care given to the plants after final inspection has been made and all work has been completed as required in Article 253.14 of the Standard Specifications for Road and Bridge Construction adopted January 1, 1997. This work will begin the following spring, after final inspection has been completed, and extend to September 30th for one growing season.

A. Tree Care Cycle

All trees, intermediates, and shrub beds will receive the following care:

1. De-sucker and prune dead and broken branches.
2. Remove weeds and grass from within saucer area and shrub beds.
3. Remove dead plants.
4. Addition of 762 millimeters (3 inches) of shredded bark mulch to all areas previously mulched.
5. Mowing of wetlands.

First Cycle

Items number 1, 2 and 3 will be performed between June 15-June 30.

Second Cycle

Items number 1, 2, 3, 4 and 5 will be performed between September 15 - September 30.

The cost of completing all work as described in items numbers 1, 2, 3 and 5 for each of the two (2) cycles noted above will be paid for at the contract unit price per each for TREE CARE. The cost of furnishing and placing the mulch as described in item number 4 in the second cycle will be paid for at the contract unit price per lump sum for TREE CARE MULCH and no additional compensation or remuneration will be allowed.

B. Tree, Intermediate and Shrub Watering

All shade and intermediate trees will receive 18.927 liters (5 gallons) of water at a time. Each shrub will receive 7.571 liters (2 gallons) of water at a time. The method of watering will be by injection and approved by the District Landscape Architect.

This work will be paid for at the contract unit price per unit for TREE, INTERMEDIATE, AND SHRUB WATERING which will include the cost of furnishing the water, labor and equipment to perform the work. Tree, Intermediate, and Shrub Watering will be measured in units of 3785 liters (1000 gallons) applied to the plants. Two (2) applications will be made: one in July and the other in September.

Any deviations on the time factors concerning tree care and watering will be determined by the Engineer. Due to uncontrollable weather conditions, the number of cycles for tree care; tree, intermediate, and shrub watering may be increased or decreased as needed by the Engineer. The Engineer may delete any part of said cycles or change the cycle timing due to weather conditions.

SAVE AND PROTECT TREE:

The 1.850 m tree located 43 m left of Ramp 4 at Station 0+478 is to remain and shall be protected from harm. No work shall be permitted within the drip line of the tree and care shall be taken not to damage any part of the tree including its roots. The drip line of the tree shall be delineated with snow fence or a substitute fence deemed suitable by the Engineer. The Contractor shall exercise due care when working in this area.

This work, including all labor, material and equipment required to install and maintain the snow fence, or approved substitute fence, shall not be paid for separately, but shall be considered included in the cost of the contract and will not be measured for payment. Any damage to this tree will be repaired or replaced at the Contractor's expense and to the satisfaction of the Engineer.

TRAFFIC CONTROL AND PROTECTION:

When not paid for separately, this work shall consist of furnishing, installing, maintaining and removing all traffic control devices, including temporary signs and chevrons, as shown on the traffic flow and stage construction sheets in the plans and as directed by the Engineer.

As shown on the traffic flow and stage construction sheets, the standards for traffic control and protection have been utilized, and paid for separately, at all necessary locations except for the following:

1. Stage IA-at Station 3+735, stage construction is required for the proposed reinforced concrete box culvert. This will require the use of temporary concrete barrier, which will be paid for separately. Although shown on stage IA, the temporary concrete barrier is not required until stage ID, when traffic is routed onto the westbound lanes of US 36.
2. Stage ID-the existing crossover, just east of the Sny Slough, is no longer in use and traffic is routed onto the dual-lane westbound US 36 and then onto the single-lane westbound temporary connector. This will require temporary signs, temporary pavement marking and chevrons. The temporary pavement marking will be paid for separately. The chevrons shall be installed as shown in the plans, as directed by the Engineer and as follows:
 - The chevrons shall be post mounted with the bottom of the post anchored into a platform or base setting on top of the pavement or shoulder and each platform or base shall be covered with a minimum of three sand bags to provide stabilization.

REMOVAL OF EXISTING STRUCTURES NO. 4:

This work consists of the removal and satisfactory disposal of the existing circular concrete slab located 11 m right of south frontage road Station 203+995 as shown in the plans. This work shall also include any reinforcing bars or concrete footings which may be associated with the slab. This work shall be performed in accordance with Section 500 of the Standard Specifications and as directed by the Engineer.

This work will be paid for at the contract unit price per each for REMOVAL OF EXISTING STRUCTURES NO. 4, which price shall include all labor, equipment and materials required to complete this work.

BUILDING REMOVAL NO. 1:

This work consists of the removal and satisfactory disposal of the existing shed and concrete slab located 22 m right of Station 3+000 as shown in the plans. This work shall also include any reinforcing bars or concrete footings which may be associated with the shed. This work shall be performed in accordance with Section 500 of the Standard Specifications and as directed by the Engineer.

This work will be paid for at the contract unit price per lump sum for BUILDING REMOVAL NO. 1, which price shall include all labor, equipment and materials required to complete this work.

BUILDING REMOVAL NO. 2:

This work consists of the removal and satisfactory disposal of the existing metal (wood frame) shed located along the centerline of the south frontage road at Station 203+995 as shown in the plans. This work shall also include any concrete footings and reinforcing bars which may be associated with the shed. This work shall be performed in accordance with Section 500 of the Standard Specifications and as directed by the Engineer.

This work will be paid for at the contract unit price per lump sum for BUILDING REMOVAL NO. 2, which price shall include all labor, equipment and materials required to complete this work.

WETLAND CONSTRUCTION REQUIREMENTS:

To comply with commitments relating to the WETLAND MITIGATION PLAN as required for this contract, the Contractor will adhere to the following construction requirements:

Prior to grading the WETLAND CREATION areas as shown in the plans, areas shown as WETLAND ENHANCEMENT in the plans will be delineated with snow fence or a substitute fence deemed suitable by the Engineer.

WETLAND CREATION areas shall be final graded no later than June 1, 1997.

After final grading the WETLAND CREATION area, it shall be temporary seeded with SEEDING CLASS 7 and MULCH METHOD 2 as stated in Section 250 of the Standard Specifications by June 30, 1997.

At no time will any part of the Wetland Mitigation Area be used for Contractor staging operations, parking equipment, stockpiling materials, locating field offices, etc.

Once temporary seeding operations are complete in the WETLAND CREATION area, it will be delineated with snow fence, or a substitute fence deemed suitable by the Engineer to deter equipment from encroaching on the Wetland Mitigation Area.

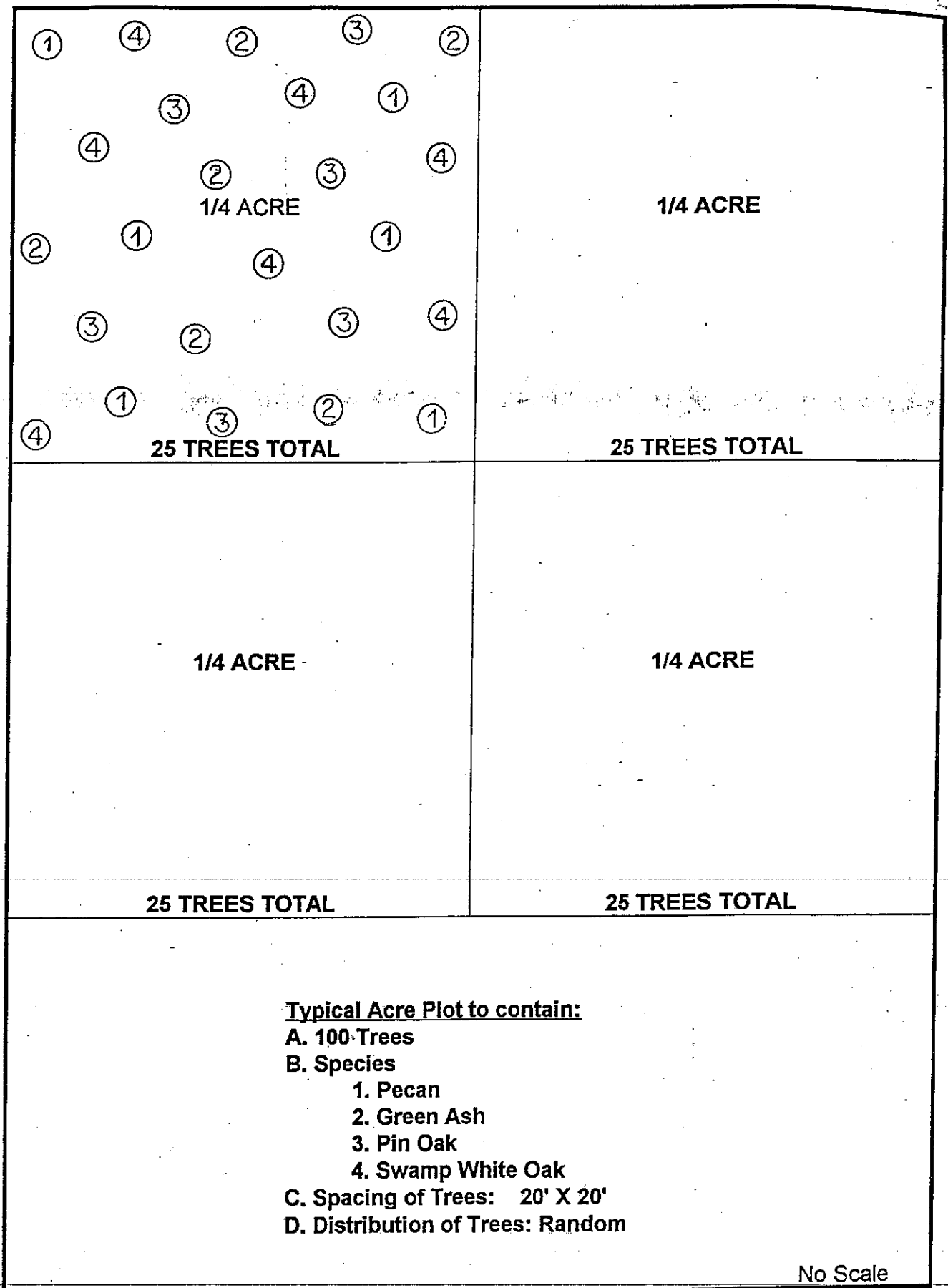
The snow fence, or substitute fence, shall not be paid for separately, but shall be considered incidental to the contract and will not be measured for payment. The Contractor will incur any costs related to any failure to comply with these WETLAND CONSTRUCTION REQUIREMENTS.

ARCHAEOLOGICAL WORK:

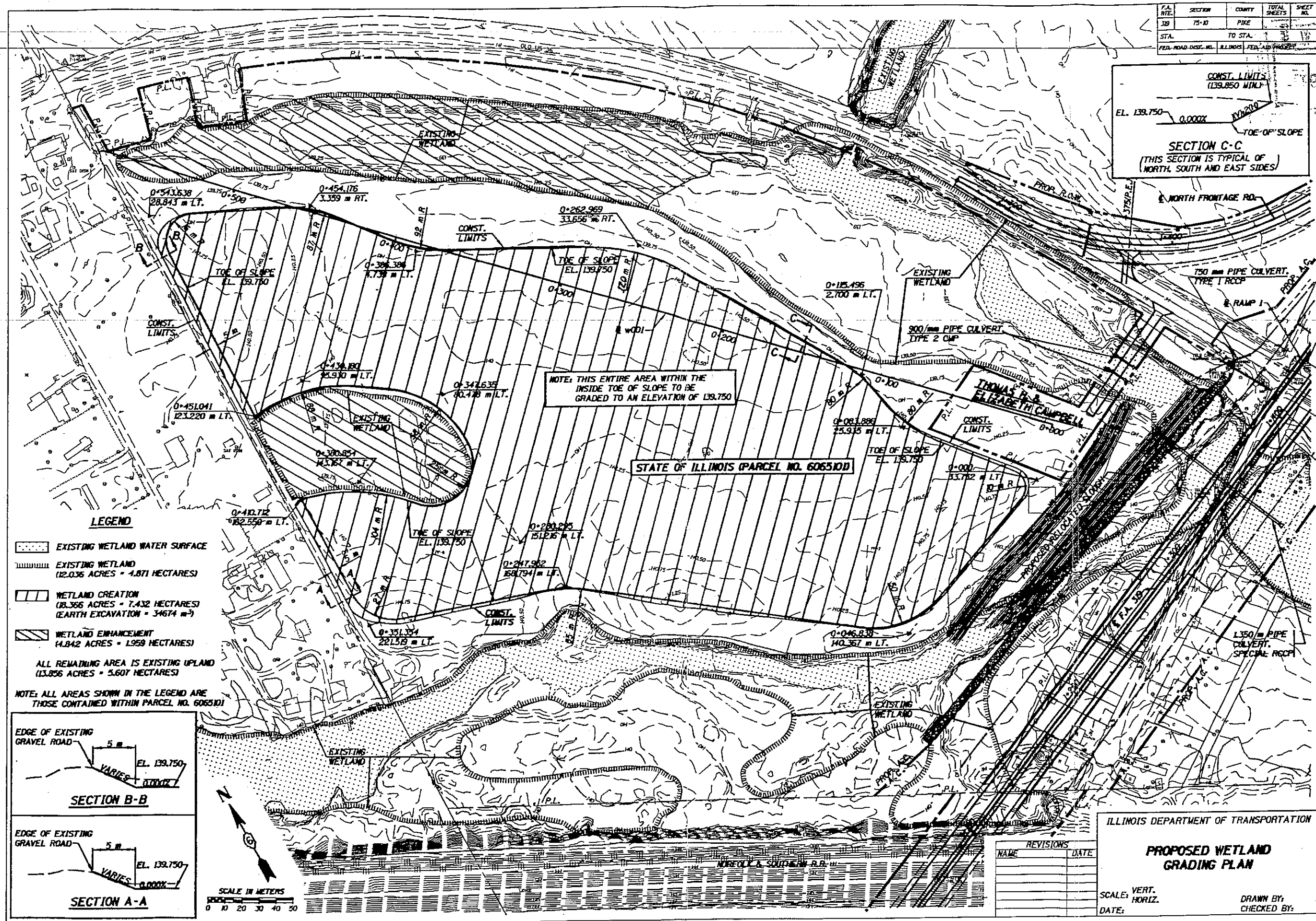
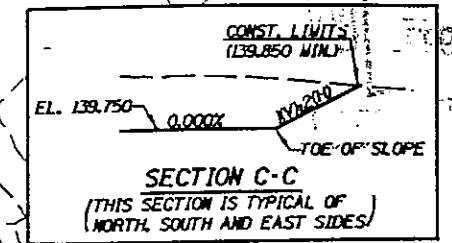
It will be necessary to perform archaeological investigation and possible salvage at five locations as identified on the traffic flow and stage construction drawings in the plans. These five locations and their anticipated investigation times are as follows:

1. Hawkins Site (first season)
2. Bird Slough Site (first season)
3. House Site (first season)
4. Lichen Site (second season)
5. Poisson Site (both seasons)

These locations will not be available for the Contractor's use until archaeological work has been completed at individual sites. The Contractor shall schedule and conduct his operations in cooperation with the archaeological work. Before beginning any construction, the Contractor shall notify the Engineer and obtain permission to proceed. No working days will be charged when controlling items are delayed by archaeological work.



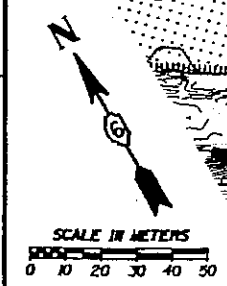
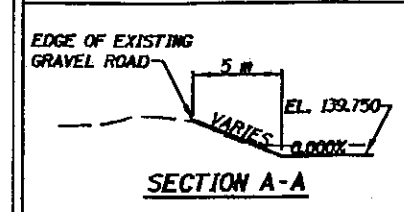
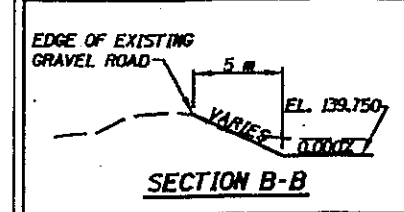
FA. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	75-10	PIKE	3	10
STA.	TO STA.		1	10
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

- EXISTING WETLAND WATER SURFACE
 - EXISTING WETLAND (12.036 ACRES = 4.871 HECTARES)
 - WETLAND CREATION (18.366 ACRES = 7.432 HECTARES) (EARTH EXCAVATION = 34674 m³)
 - WETLAND ENHANCEMENT (4.842 ACRES = 1.959 HECTARES)
- ALL REMAINING AREA IS EXISTING UPLAND (13.856 ACRES = 5.607 HECTARES)

NOTE: ALL AREAS SHOWN IN THE LEGEND ARE THOSE CONTAINED WITHIN PARCEL NO. 606510D



ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED WETLAND GRADING PLAN

SCALE: VERT. HORIZ.
DATE:

DRAWN BY:
CHECKED BY:

REVISIONS	
NAME	DATE